

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) An information receiving apparatus for receiving headline information related to information, comprising:
memory means for storing user preference information;
means for detecting reception of a plurality of headline information related to the information;
means for searching, based on said user preference information stored in said memory means, headline information coincided with said user preference information among received headline information at the time when the reception of said plurality of headline information is detected by said detecting means;
means for generating a first image corresponding to the user preference information;
means for generating a search condition setting image corresponding to a user set search condition;
means for generating a second image corresponding to a search result; and
means for superimposing ~~the first image, either:~~
(a) the first the search condition setting image, and the second image, or

(b) the first image or the search condition setting image and the second image;

wherein the means for superimposing superimposes (a) or (b) over a current video signal;

wherein said user preference information includes a plurality of registration patterns,

wherein the registration pattern is pre-selected information corresponding to an event and a timing of the event and limits the headline information that is to be searched,

wherein one of the plurality of registration patterns is selected first by a user, preceding a selection of corresponding search criteria, and

wherein results of searching based on said user preference information are a function of the selected registration pattern combined with the selection of corresponding search criteria.

2. (Original) An information receiving apparatus for receiving headline information related to an information as claimed in Claim 1, further comprising:

display means for displaying said headline information searched by said searching means.

3. (Original) An information receiving apparatus for receiving headline information related to an information as claimed in Claim 1, further comprising:

recording means for recording said information related to said headline information searched by said searching means.

4. (Original) An information receiving apparatus for receiving headline information related to an information as claimed in Claim 1, wherein said user preference information includes a plurality of preference items.

5. (Original) An information receiving apparatus for receiving headline information related to an information as claimed in Claim 1, wherein said information is broadcast program transmitted from broadcast stations.

6. (Currently Amended) A method for receiving headline information related to an information, the method comprising the steps of:

storing user preference information;
detecting reception of a plurality of headline information related to an information;
searching, based on said user preference information stored at said storing step, headline information coincided with said user preference information among received headline information at the time when the reception of said plurality of headline information is detected at said detecting step;
generating a first image corresponding to the user preference information;

generating a search condition setting image corresponding to a user set search condition;

generating a second image corresponding to a search result; and
superimposing, over a current video signal, either:

the first image, the search condition setting image, and the second image or

the first image or the search condition setting image and the second image ~~over a current video signal~~;

wherein said user preference information includes a plurality of registration patterns, wherein each registration pattern is pre-selected information corresponding to an event and a timing of the event and,

limiting the headline information that is to be searched,

wherein one of the plurality of registration patterns is selected first by a user, preceding a selection of corresponding search criteria, and

wherein results of searching based on said user preference information are a function of the selected registration pattern combined with the selection of corresponding search criteria.

7. (Original) A method for receiving headline information related to an information as claimed in Claim 6, further comprising:

displaying said headline information searched at said searching step.

8. (Original) A method for receiving headline information related to an information as claimed in Claim 6, further comprising:

recording said information related to said headline information searched at said searching step.

9. (Original) A method for receiving headline information related to an information as claimed in Claim 6, wherein said user preference information includes a plurality of preference items.

10. (Original) A method for receiving headline information related to an information as claimed in Claim 6, wherein said information is broadcast program transmitted from broadcast stations.

11. (Currently Amended) A program information receiving apparatus for receiving an Electronic Program Guide (EPG) information, comprising:

remote commander means;

memory means for storing user preference information entered from said remote commander means;

means for detecting reception of a plurality of headline information related to an information; and

means for searching, based on said user preference information stored in said memory means, headline information coincided with said user preference information among received headline information at the time when the reception of said plurality of headline information is detected by said detecting means;

means for generating a first image corresponding to the user preference information;

means for generating a search condition setting image corresponding to a user set search condition;

means for generating a second image corresponding to a search result;

means for superimposing, over a current video signal, either:

the first image, the search condition setting image, and the second image

or

the first image or the search condition setting image and the second image
over a current video signal;

wherein said user preference information includes a plurality of registration patterns,

wherein the registration pattern is pre-selected information corresponding to an event and a timing of the event and limits the headline information that is to be searched,

wherein one of the plurality of registration patterns is selected first by a user, preceding a selection of corresponding search criteria, and

wherein the results of searching based on said user preference information are a function of the selected registration pattern combined with the selection of corresponding search criteria.

12. (Currently Amended) An information receiving apparatus for receiving headline information related to information, comprising:

a memory unit ~~adapted to store~~ that stores user preference information;

a detection unit ~~adapted to detect~~ that detects reception of a plurality of headline information related to the information;

a searching unit ~~adapted to search~~ that searches, based on said user preference information stored in said memory unit, headline information coincided with said user preference information among received headline information at the time when the reception of said plurality of headline information is detected by said detection unit;

a first image generating unit ~~adapted to generate~~ that generates a first image corresponding to the user preference information;

a search condition setting image unit ~~adapted to generate~~ that generates a search condition setting image corresponding to a user set search condition;

a second image generating unit ~~adapted to generate~~ that generates a second image corresponding to a search result; and

a superimposing unit ~~adapted to superimpose~~ that superimposes, over a current video signal, either:

the first image, the search condition setting image, and the second image

or

the first image or the search condition setting image and the second image
~~over a current video signal;~~

wherein said user preference information includes a plurality of registration
patterns,

wherein the registration pattern is pre-selected information corresponding to an
event and a timing of the event and limits the headline information that is to be searched,

wherein one of the plurality of registration patterns is selected first by a user,
preceding a selection of corresponding search criteria, and

wherein results of searching based on said user preference information are a
function of the selected registration pattern combined with the selection of corresponding search
criteria.

13. (Currently Amended) A program information receiving apparatus for
receiving Electronic Program Guide (EPG) information, comprising:

a remote commander unit;

a memory unit ~~adapted to store~~ that stores user preference information entered
from said remote commander unit;

a detection unit ~~adapted to detect~~ that detects reception of a plurality of headline
information related to an information; and

a searching unit adapted to search~~that searches~~, based on said user preference information stored in said memory unit, headline information coincided with said user preference information among received headline information at the time when the reception of said plurality of headline information is detected by said detection unit;

a first image generating unit adapted to generate~~that generates~~ a first image corresponding to the user preference information;

a search condition setting image unit adapted to generate~~that generates~~ a search condition setting image corresponding to a user set search condition;

a second image generating unit adapted to generate~~that generates~~ a second image corresponding to a search result;

a superimposing unit adapted to superimpose~~that superimposes, over a current video signal, either:~~

the first image, the search condition setting image, and the second image or

the first image or the search condition setting image and the second image ~~over a current video signal~~;

wherein said user preference information includes a plurality of registration patterns,

wherein the registration pattern is pre-selected information corresponding to an event and a timing of the event and limits the headline information that is to be searched,

wherein one of the plurality of registration patterns is selected first by a user,
preceding a selection of corresponding search criteria, and
wherein the results of searching based on said user preference information are a
function of the selected registration pattern combined with the selection of corresponding search
criteria.